

This page is a reference page used to track documents internally for the Division of Oil, Gas and Mining

Mine Permit Number M/037/0024 Mine Name Happy Jack Mine  
Operator \_\_\_\_\_ Date Sent July 22 2014  
TO \_\_\_\_\_ FROM \_\_\_\_\_

☐ CONFIDENTIAL ☒ BOND CLOSURE ☐ LARGE MAPS ☐ EXPANDABLE  
☐ MULTIPUL DOCUMENT TRACKING SHEET ☐ NEW APPROVED NOI  
☐ AMENDMENT ☐ OTHER \_\_\_\_\_

Description YEAR-Record Number

☐ NOI ☐ Incoming ☒ Outgoing ☐ Internal ☐ Superceded  
Notice of File Closure 2014 - 07222014

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded  
Bond File 2014 - 07222014

**CONFIDENTIAL**

☐ NOI ☐ Incoming ☐ Outgoing ☒ Internal ☐ Superceded  
Bond File 2014 - 07222014

☐ NOI ☐ Incoming ☐ Outgoing ☐ Internal ☐ Superceded

☐ TEXT/ 81/2 X 11 MAP PAGES ☐ 11 X 17 MAPS ☐ LARGE MAP

COMMENTS: \_\_\_\_\_

CC: \_\_\_\_\_





Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

## DOGM Certificate of Deposit

March 10, 1993

First Security Bank of Utah  
P.O. Box 99  
Moab, Utah 84532

Attention: Branch Manager

Re: Certificate of Deposit for Happy Jack Mine, M/037/024, San Juan County, Utah

This is in regards to regulatory requirements of the mining statute and rules of the State of Utah, Division of Oil, Gas and Mining, governing the operations and reclamation of the Happy Jack Mine, Permit Number M/037/024, under reclamation by Mr. Kyle Isenhardt.

A \$2,000 Certificate of Deposit will be issued by First Security Bank for a 6-month term which will be automatically renewable upon expiration. The Certificate should be made out in the name of the Utah Dept. of Natural Resources, Division of Oil, Gas and Mining and Mr. Kyle Isenhardt. The interest earned by the Certificate of Deposit will be deposited into Mr. Kyle Isenhardt's personal account. If the Certificate is redeemed before the maturity date and the penalty reduces the face value of \$2,000.00, the State of Utah, Division of Oil, Gas and Mining will go to Mr. Kyle Isenhardt for reimbursement of that loss. If redeemed after the maturity date, then \$2,000.00 will go to the State of Utah, Division of Oil, Gas and Mining and the remaining balance will go to Mr. Kyle Isenhardt's account. The Certificate of Deposit can only be redeemed by the State of Utah, Division of Oil, Gas and Mining.

If the statute or rules of the State of Utah, Division of Oil, Gas and Mining are violated with respect to the operation or reclamation of the Happy Jack Mine covered by this surety, the State of Utah, Division of Oil, Gas and Mining has the authority to call the Certificate on demand, for the full amount of \$ 2,000.00. Any loss due to an early redemption penalty will be the responsibility of Mr. Kyle Isenhardt, and will not be the expense or responsibility of the State of Utah.

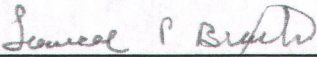


Page 2  
First Security Bank of Utah  
Certificate of Deposit  
Kyle Isenhardt  
August 20, 1991

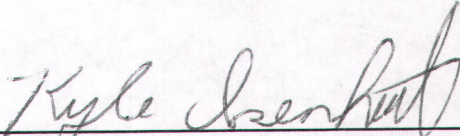
The Division Acting Director's signature, Lowell P. Braxton (or the appropriate Division Director at that time), will be required to call the Certificate or release said funds back to Mr. Kyle Isenhardt.

First Security Bank will not be held liable for any dispute between the parties. These rules pertain to the Certificate of Deposit Number: \_\_\_\_\_

**Agreed upon by:**

  
\_\_\_\_\_  
Lowell P. Braxton, Acting Director  
Division of Oil, Gas and Mining

Tax I.D. Number: \_\_\_\_\_

  
\_\_\_\_\_  
Kyle Isenhardt  
Owner/Operator

Tax I.D. Number. \_\_\_\_\_

Please contact the following for further information:

D. Wayne Hedberg or Holland Shepherd  
Division of Oil, Gas and Mining  
355 West North Temple, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340



NOT TRANSFERABLE

# First Security Bank of Utah

NATIONAL ASSOCIATION

No 14806

ISSUED AT (NAME OF OFFICE)  
Blanding

CITY & STATE  
Blanding UT

DATE  
01/25/1993

AMOUNT  
\$ 2,000.00

This is to certify that

Kyle Isenhart and The Utah Department of Natural Resources Division of

Oil, Gas and Mining

has deposited in this Bank the sum of \*\*\*\*2,000.00\*\*\*\*

payable at the issuing office to the registered owner(s) upon presentation and surrender of this certificate properly endorsed on 07/25/1993

with interest thereon from date to maturity at the rate of 3.250 percent per annum.

THIS CERTIFICATE WILL BE AUTOMATICALLY RENEWED AT MATURITY AT THE INTEREST RATE THEN OFFERED BY THE BANK FOR ADDITIONAL SUCCESSIVE PERIODS OF 06 MONTHS UNLESS PRESENTED FOR PAYMENT BY THE REGISTERED OWNER(S) WITHIN 10 DAYS AFTER A MATURITY DATE.

This certificate is subject to the terms and conditions set forth on the reverse side hereof. NO INTEREST WILL BE PAID AFTER FINAL MATURITY. In mailing interest checks or giving any notice the Bank may regard as correct the addresses shown by its records.

SUBSTANTIAL PENALTY FOR  
REDEMPTION PRIOR TO MATURITY

AUTHORIZED SIGNATURE

*Clara B. Palmer*

herein called Registered Owner(s)

DOLLARS

## ENDORSEMENTS

*Kyle Isenhart*  
OWNER

OWNER

OWNER

OWNER

## TERMS AND CONDITIONS

1. The Bank reserves the right not to renew this Deposit at any maturity date upon mailing to the registered owner(s) at his address last shown on the Bank's records a notice of its election not to renew.
2. No payment of the Deposit will be made unless this Certificate is surrendered to the office of issue. No interest will accrue after the Deposit finally matures by notice or otherwise.
3. Upon not less than 30 days prior written notice to the payee at his address last shown on the Bank's records, this Bank may from time to time change the rate or rates of interest applicable to the Deposit during any succeeding renewal periods.
4. This Certificate is a Time Certificate of Deposit and is subject to all present and future applicable rules and regulations of the Board of Governors of the Federal Reserve System and this Bank.
5. If this certificate is issued to multiple original payees consisting of two or more natural persons, they shall hold the same with right of survivorship. The deposit (together with the interest) is payable to any one of them during their joint lives. Upon the death of any of the multiple original payees, all of the right, title and interest to the deposit shall vest absolutely in the survivor or survivors, subject to all applicable tax statutes and regulations. Each of such persons shall be the agent of the other to give or receive any notice provided for herein or to take any other action pertaining to this certificate and the deposit.
6. If issued with the added condition of "payable on death" to one or more persons, ownership shall vest in the POD payee or payees only upon the death of all of the original payees and shall be otherwise governed by applicable statutes.



# SURETY ESTIMATE UPDATE

Happy Jack Mine

M/037/024

Prepared by Utah Division of Oil, Gas & Mining  
June 12, 1991

## DESCRIPTION:

1. This estimate covers only revegetation costs for the site.
2. All other reclamation work was completed 4/91.
3. This surety covers a three year time frame.

## RECLAMATION DETAILS:

Seed Mix	15 lbs/ac	\$180/ac
Seed Mix Hand Broadcast		\$15/ac
Total Acres = 9		
Subtotal	9 ac X \$195	\$1,755
+ 10% Contingency		\$1,931

## CALCULATIONS

	YR	ESCAL FACTOR	BOND AMOUNT
$F = P(1 + i)^n$			
F = Future Sum	1991	0.0145	\$1,931
P = Present Sum	1992	0.0145	\$1,959
i = Escalation Factor	1993	0.0145	\$1,987
n = number of periods	1994	0.0145	\$2,016

Three Yr Average = 1.45%  
Used to Project 5 Yrs

Updated Surety Amount Rounded (1994 \$)      \$2,000



File Number M / 037 / 024

Effective Date \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION of OIL, GAS and MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

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RECEIVED DIVISION OF  
OIL GAS & MINING

MAR 18 1993

RECLAMATION CONTRACT DIVISION OF  
---ooOoo--- OIL GAS & MINING

For the purpose of this RECLAMATION CONTRACT the terms below are defined as follows:

"NOTICE OF INTENTION" (NOI): (File No.) M / 037 / 024  
(Mineral Mined) Uranium

"MINE LOCATION":  
(Name of Mine) Happy Jack  
(Description) Located in White Canyon  
San Juan County

"DISTURBED AREA":  
(Disturbed Acres) 9 ac.  
(Legal Description) (refer to Attachment "A")

"OPERATOR":  
(Company or Name) KYLE ISENHART  
(Address) ROUTE 2, BOX BSI  
LITTLE HOCKING, OHIO  
45747  
(Phone) \_\_\_\_\_



"OPERATOR'S REGISTERED AGENT":

(Name)

(Address)

(Phone)

KYLE ISENHART  
RT 2 BOX RSI  
LITTLE HUCKING  
OHIO 45742  
(614) 989-2860

"OPERATOR'S OFFICER(S)":

N/A

"SURETY":

(Form of Surety - Exhibit B)

CERTIFICATE OF DEPOSIT

"SURETY COMPANY":

(Name, Policy or Acct. No.)

FIRST SECURITY BANK OF UTAH, No. 14806

"SURETY AMOUNT":

(Escalated Dollars)

\$ 2,000

"ESCALATION YEAR":

1994

"STATE":

State of Utah

"DIVISION":

Division of Oil, Gas and Mining

"BOARD":

Board of Oil, Gas and Mining

EXHIBITS:

A "DISTURBED AREA":

B "SURETY":

Revision Dates:

\_\_\_\_\_  
\_\_\_\_\_

This Reclamation Contract (hereinafter referred to as "Contract") is entered into between KYLE ISENHART the "Operator" and the Utah State Board of Oil, Gas and Mining ("Board").

WHEREAS, Operator desires to conduct mining operations under Notice of Intention (NOI) File No. M/037/024 which has been approved by the Utah State Division of Oil, Gas and Mining "Division" under the Utah Mined Land Reclamation Act, Sections 40-8-1 et seq., Utah Code Annotated, (1953, as amended) (hereinafter referred to as "Act") and implementing rules; and



WHEREAS, Operator is obligated to reclaim that area described as the Disturbed Area as set forth and in accordance with Operator's approved Reclamation Plan, and Operator is obligated to provide surety in form and amount approved by the Board, to assure reclamation of the Disturbed Area.

NOW, THEREFORE, the Board and the Operator agree as follows:

1. Operator agrees to conduct reclamation of the Disturbed Area in accordance with the Act and implementing regulations, the Notice of Intention, and the Reclamation Plan. The Notice of Intention as amended, and the Reclamation Plan, as amended, are incorporated by this reference and made a part hereof.
2. Concurrent with the execution hereof, Operator has provided surety to assure that reclamation is conducted, in form and amount acceptable to the Board. Such surety as evidenced by the Surety Contract is in the form of the surety attached hereto as Exhibit B and made a part hereof. The Surety Contract shall remain in full force and effect according to its terms unless modified by the Board in writing. If the Surety Contract expressly provides for cancellation, then, within 60 days following the Division's receipt of notice that the Surety Company intends to cancel the Surety Contract, the Operator shall provide a replacement Surety Contract in a form and amount reasonably acceptable to the Board. If the Operator fails to provide an acceptable replacement Surety Contract, the Division may order the Operator to cease further mining activities and to begin immediate reclamation of the Disturbed Area.
3. Operator agrees to pay legally determined public liability and property damage claims resulting from mining to the extent provided in Section 40-8-7(1)(e) of the Act.
4. Operator agrees to perform all duties and fulfill all reclamation requirements applicable to the mine as required by the Act and implementing rules, the Notice of Intention, as amended and the Reclamation Plan, as amended.
5. The Operator's liability under this Contract shall continue in full force and effect until the Division certifies that the Operator has reclaimed the Disturbed Area in accordance with the Act and implementing rules, the Notice of Intention, as amended and the Reclamation Plan, as amended.



6. If reclamation of discrete sections of the Disturbed Area is completed to the satisfaction of the Division, and the Division finds that such sections are severable from the remainder of the Disturbed Area, Operator may request the Division to certify that Operator has reclaimed such discrete sections of the Disturbed Area in accordance with the Act and Implementing rules, the Notice of Intention, as amended and the Reclamation Plan, as amended. If the Division makes such certification, Operator may make request to the (Board) that the aggregate face amount of the Surety Contract provided pursuant to paragraph 2 be reduced to an amount necessary to provide for completion of the remaining reclamation. The (Board) shall hear Operator's request for such reduction in accordance with the Board's Procedural Rules concerning requests for Agency Action.
7. Operator agrees to indemnify and hold harmless the State, Board and the Division from any claim, demand, liability, cost, charge, suit, or obligation of whatsoever nature arising from the failure of Operator or Operator's agents and employees, or contractors to comply with this Contract.
8. Operator may, at any time, submit a request to the Board to substitute surety. The Board, in its sole judgment and discretion, may approve such substitution if the substitute surety meets the requirements of the Act and the implementing rules.
9. This Contract shall be governed and construed in accordance with the laws of the State of Utah.
10. If Operator shall default in the performance of its obligations hereunder, Operator agrees to pay all costs and expenses, including reasonable attorney's fees and costs incurred by the Division and/or the Board in the enforcement of this Contract.
11. Any breach that the Division finds to be material of the provisions of this Contract by Operator may, at the discretion of the Division, result in an order to cease mining operations. After opportunity for notice and hearing, the Division, or Board, as appropriate, may revoke the Notice of Intention, order reclamation, or order forfeiture of the Surety Contract, or take such other action as is authorized by law.
12. In the event of forfeiture of the Surety Contract, Operator shall be liable for any additional costs in excess of the surety amount which are required to comply with this Contract. Any excess monies



resulting from forfeiture of the Surety Contract, upon completion of reclamation and compliance with this Contract, shall be returned to the rightful claimant.

13. This Contract including the Notice of Intention, as amended and the Reclamation Plan, as amended, represents the entire agreement of the parties involved, and any modification must be approved in writing by the parties involved.
14. Each signatory below represents that he/she is authorized to execute this Contract on behalf of the named party.

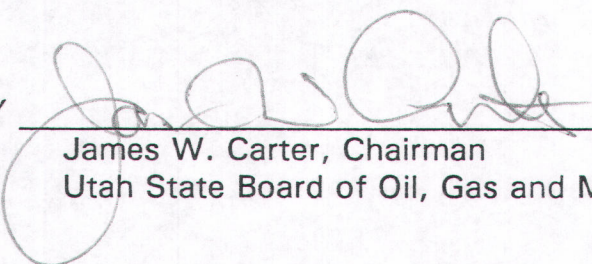
Kyle Isenhardt  
Operator (Typed or Printed)

Kyle Isenhardt  
Operator Signature

10-12-92  
Date

SO AGREED this 24<sup>th</sup> day of March, 19 93.

AND APPROVED AS TO FORM AND AMOUNT OF SURETY:

BY   
James W. Carter, Chairman  
Utah State Board of Oil, Gas and Mining



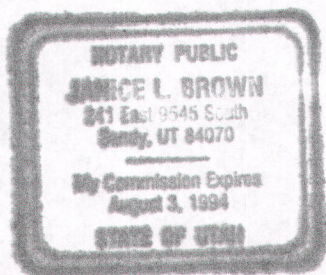
DIVISION OF OIL, GAS AND MINING:

By Lowell P. Braxton  
Lowell P. Braxton, Acting Director

4-1-93  
Date

STATE OF Utah )  
 ) ss:  
COUNTY OF Salt Lake )

On the 1<sup>st</sup> day of April, 19 93, personally  
appeared before me, who being duly sworn did say that he/she, the said  
LOWELL P. BRAXTON is the Acting Director of the  
Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah,  
and he/she duly acknowledge to me that he/she executed the foregoing document  
by authority of law on behalf of the State of Utah.



Janice L. Brown  
Notary Public  
Residing at: Sandy, Utah

August 3, 1994  
My Commission Expires:



OPERATOR:

Kyle Isenhardt  
Operator Name

By Owner  
Corporate Officer - Position

10-12-92  
Date

Kyle Isenhardt  
Signature

STATE OF OHIO )  
COUNTY OF Washington ) ss:

On the 12 day of OCTOBER, 19 92, personally  
appeared before me Kyle Isenhardt who  
being by me duly sworn did say that he/she, the said Kyle Isenhardt  
is the \_\_\_\_\_ of \_\_\_\_\_  
and duly acknowledged that said instrument was signed on behalf of said company  
by authority of its bylaws or a resolution of its board of directors and said  
\_\_\_\_\_ duly acknowledged to me that said  
company executed the same.

Emma Lee Fox  
Notary Public  
Residing at: Little Hocking  
Ohio

EMMA LEE FOX  
Notary Public, State of Ohio  
My Commission Expires: June 5, 1996

My Commission Expires:



SURETY:

\_\_\_\_\_  
Surety Company

By \_\_\_\_\_  
Company Officer - Position

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss:

THIS PAGE IS  
NOT NECESSARY FOR  
A CD

On the \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_, personally  
appeared before me \_\_\_\_\_ who  
being by me duly sworn did say that he/she, the said \_\_\_\_\_  
is the \_\_\_\_\_ of \_\_\_\_\_  
and duly acknowledged that said instrument was signed on behalf of said company  
by authority of its bylaws or a resolution of its board of directors and said  
\_\_\_\_\_ duly acknowledged to me that said  
company executed the same.

\_\_\_\_\_  
Notary Public  
Residing at: \_\_\_\_\_

\_\_\_\_\_  
My Commission Expires:

NOTE: An affidavit of Qualification must be completed and attached to this form for each authorized agent or officer. Where one signs by virtue of Power of Attorney for a company, such Power of Attorney must be filed with this Contract.



ATTACHMENT "A"

Kyle Isenhart  
Operator

Happy Jack  
Mine Name

M/037/024  
Permit Number

San Juan County, Utah

The legal description of lands to be disturbed is:

Portions of NW 1/4 of NE 1/4 and SW 1/4 of NE 1/4  
Section 8, Township 35 South, Range 15 East, SLBM



# UTAH



M/037/024  
HAPPY JACK MINE





Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 10, 1993

1-800-574-6600

TO: Board of Oil, Gas and Mining

THRU: Lowell P. Braxton, Associate Director

THRU: D. Wayne Hedberg, Permit Supervisor DWH

FROM: Holland Shepherd, Senior Reclamation Specialist

RE: Request for Board Concurrence, Form and Amount of Surety, Happy Jack Mine, M/037/024, San Juan County, Utah

The Happy Jack mine, originally an Atlas mine, was sold to a Mr. William Petty of Tokyo, Japan in 1991. The property has since been sold to Mr. Kyle Isenhardt of Little Hocking, Ohio. Mr. Isenhardt intends to utilize the property for residential and commercial purposes.

The site is currently under reclamation. It was reclaimed April of 1991. The surety amount of \$2,000, is based on the cost of any future reseeding which may be necessary. The surety has been escalated 3 years into the future, the time necessary to verify revegetation success.

The following documents are attached for your review and consideration:

1. Checklist for Form & Amount of Surety
2. Location Map
3. Executive Summary
4. Reclamation Surety Estimate
5. Reclamation Contract (FORM MR-RC)
6. Reclamation Surety (Certificate of Deposit)

The Certificate of Deposit cover letter (attached to this memo) has not been signed by Mr. Isenhardt. This letter will be signed and returned to the Division before the March 24, 1993 hearing. Page 7 of 9, FORM MR-RC will also be appropriately notarized and returned to the Division before the hearing. Thank you for your time and consideration of this permitting action.

attachments  
M037024.3



For Division Use:  
File No.: M/037/024  
Effective Date: \_\_\_\_\_  
DOGM Lead: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

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DIVISION OF  
OIL GAS & MINING

TRANSFER OF NOTICE OF INTENTION  
LARGE MINING OPERATIONS

---ooOoo---

1. (a) Notice of intention to be transferred (file number): 037/024  
(b) Name of mining operation: Happy Jack Mine  
(c) Location of mining operation (county): San Juan County  
(d) Name, telephone number and mailing address of the operator currently holding the notice of intention (transferor):  
William Petty II, % Technica Pacifica, Inc.  
59 E Center St.  
Moab, UT 84532 801-259-4100
2. (a) Name, telephone number and mailing address of the operator acquiring the notice of intention (transferee):  
KYLE ISENAART PHONE (614) 989-2860  
ROUTE 2, BOX R51  
LITTLE HOCKING, OHIO 45742  
(b) Name, telephone number and address of the authorized representatives of the Transferee to whom any notices under the provisions of the Utah Mined Land Reclamation Act may be sent:  
SAME AS TRANSFEEE
3. (a) The total disturbed area identified in the approved notice of intention: 9 ac



(b) The actual number of acres disturbed by the operation through date of transfer: 9 ac.

(c) Attach a legal description of above acreages as Appendix "A" and a map of suitable scale with actual disturbed areas clearly shown and identified.

4. This application must be accompanied by a fully executed and signed Reclamation Contract (Form MR-RC).



STATE OF Utah )  
 ) ss.  
COUNTY OF Grand )

## SWORN STATEMENT OF TRANSFEROR

I, William Petty II being first duly sworn under oath, depose and say that I am an individual ~~(officer or agent)~~ of \_\_\_\_\_  
~~(Corporation/Company Name)~~; and that I am duly authorized to execute and deliver the foregoing obligations; that I have read the said application and fully know the contents thereof; that all statements contained in the transfer application are true and correct to the best of my knowledge and belief. By execution of this statement I certify that the Transferor is in full compliance with the Utah Mined Land Reclamation Act, the Rules and Regulations promulgated thereunder, and the terms and conditions of Notice of Intention No. 037 / 024.

From Betty

Signature \_\_\_\_\_

William Petty II

Name (Typed or Print)

Title

Subscribed and sworn before me this 14<sup>TH</sup> day of SEPTEMBER, 1992.



Jane K. Tust

Notary Public

Residing at: MOAB, UTAH

My commission Expires:

3/29, 1993.



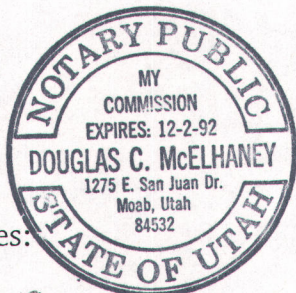
STATE OF UTAH )  
 ) ss.  
COUNTY OF GRAND )

FINAL SWORN STATEMENT OF TRANSFEREE

KYLE ISENHART being first duly sworn under oath, depose and say that I  
am OWNER (~~officer or agent~~) of HAPPY JACK MINE  
(~~Corporation/Company Name~~); and that I am duly authorized to execute and deliver  
the foregoing obligations; that I have read the application and fully understand the  
contents thereof; that all statements contained in the transfer application are true and  
correct to the best of my knowledge and belief. By execution of this statement, the  
Transferee agrees to be bound by the terms and conditions of Notice of Intention  
No. 037/024, the Utah Mined Land Reclamation Act, and the Rules and Regulations  
promulgated thereunder.

Kyle Isenhart  
Signature  
Kyle Isenhart  
Name (Typed or Print)  
Owner  
Title

Subscribed and sworn before me this 26 day of October, 1992.



My commission Expires:

12-2, 1992.

Douglas C. McElhane  
Notary Public  
Residing at: Moab Utah



CERTIFICATION OF APPROVAL

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions:

- (a) This transfer of notice of intention grants only the right to affect the lands described in Appendix "A".
- (b) The transferee has provided to the Division a fully executed and signed Reclamation Contract (Form MR-RC). The surety shall be effective on the date of transfer.
- (c) The transferee, or such other person as required by UCA 1953, Title 40-8, has acquired legal right to mine for lands described in Appendix "A".

COMMENTS:

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APPROVED: Lowell P. Braxton  
Lowell P. Braxton, Acting Director  
Division of Oil, Gas and Mining

Effective Date: 4-1-93  
NOI No.: M/037/024

MR-TRL



## EXECUTIVE SUMMARY

Prepared March 10, 1993

**Mine Name:** Happy Jack  
**Operator:** Kyle Isenhardt  
Route 2  
Box RSI  
Little Hocking, Ohio  
**Telephone:** (614) 989-2860  
**Contact Person:** Kyle Isenhardt

**I.D. No.:** M/037/024  
**County:** San Juan  
**New/Existing:** Existing  
**Mineral Ownership:** Private  
**Surface Ownership:** Private  
**Lease No.(s):** N/A  
**Permit Term:** N/A

**Life of Mine:** Under reclamation

**Legal Description:** Section 8, Township 35 South, Range 15 East

**Mineral(s) to be Mined:** None (was Uranium and copper)

**Mining Methods:** N/A

**Acres Disturbed:** 9

**Present Land Use:** Mining

**Postmining Land Use:** Residential, commercial, wildlife habitat

**Variances from Reclamation Standards (Rule R647) Granted:** None

### Soils & Geology

**Soil Description:** Poorly developed from sandstones, mudstones and shale, nutrient deficient

**pH:** Unknown

**Special Handling Problems:** None

**Geology Description:** Site located within White Canyon of the monument upwarp. Uranium was mined from the Chinle Formation of the Triassic period. The mine site is located in and on deposits of Moenkopi and Chinle.



### **Hydrology**

**Ground Water Description:** No evaluation ever made, presumed to be over 1000 feet to groundwater.

**Water Monitoring Plan:** None

### **Ecology**

**Vegetation Type(s); Dominant Species:** Indian ricegrass, Shadscale, Juniper, Pinyon, Rabbitbrush, Matchweed, Buckwheat

**Percent Surrounding Vegetative Cover:** 5% - 10%

**Wildlife Concerns:** None

**Surface Facilities:** None

**Mining and Reclamation Plan Summary:** No more mining planned. The site is under reclamation. Will eventually be used for residential and commercial purposes.

### **Surety**

**Amount:** \$2,000  
**Form:** Certificate of Deposit (First Security Bank)  
**Renewable Term:** 6 months